Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Tuesday 09 May 2023 until 23:59 on Wednesday 10 May 2023

Forecast Issued on Tuesday 09 May 2023 at 00:57

Confidence: High confidence for a changeable and showery few days, although lower confidence in regards to timing and intensity of showers. Confidence increasing by the end of the week with the arrival of more settled conditions.

Headline for Tuesday 09 May 2023: Cloud clearing to a mix of sunny spells and well-scattered showers. Low risk of thunder.

Mountain weather hazards on Tuesday 09 May 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
Low Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
Low Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG					
Fog	Light rain showers	Light rain showers	Light rain showers	Sunny intervals	Clear night
Precipitation probability					
30%	30%	40%	40%	10%	<05%

Forecast for Tuesday 09 May 2023

Weather: Areas of low cloud, mist and drizzle at first, particularly for windward slopes in the west. Brightening up by mid-morning to give bright or sunny spells. However, well-scattered and mostly light showers will soon develop. Showers becoming more widespread in the afternoon, with the chance of the odd heavy or possibly thundery downpour in the east of the Park. Showers easing by the evening to give late sunshine and a mostly clear night.

Chance of cloud-free hill tops above 600m: 30% in the west and 60% in the east initially. Improving to 70% by mid-morning.

Low Cloud and visibility: Banks of low cloud, with bases around 300-500m this morning, possibly down to lower slopes in the west initially. Cloud bases gradually clearing, lifting above summits by mid-morning. Poor or very poor visibility in early mist or drizzle, becoming good or very good. Deteriorations to moderate or poor in heavier showers in the afternoon. Cloud may lower to shroud highest tops in and around any heavy downpours, lasting for several hours.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Tuesday 09 May 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/15 SW	10/14 SW	12/17 W	15/21 W	13/19 W	10/17 SW	11/17 SW
300	6/11 SW	8/14 SW	10/19 W	12/20 W	10/19 W	6/15 W	5/13 SW
Valley	4/8 SW	5/10 SW	8/15 W	10/19 W	8/16 W	2/9 SW	2/9 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/6	9/7	10/7	11/8	9/6	7/4	6/3
300	10/9	11/10	13/11	14/12	11/9	8/6	8/6
Valley	11/10	12/11	15/14	15/13	13/11	8/7	8/7
Freezing Level*	1900m	1900m	1800m	1700m	1600m	1600m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Navigation may be challenging this morning given areas of low cloud. Care should be taken if walking in the hills this afternoon, as there is a chance of heavy showers and the risk of thunder and lightning. Strong UV levels in sunny spells.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Tue 09 May 2023	14.8mm	15.2mm	15.6mm

Forecast for Wednesday 10 May 2023

Weather: Dry initially across eastern parts. A band of showery rain is expected to push eastwards Wednesday morning, with low cloud affecting mainly western upslopes. Brightening up to a mix of sunny spells and scattered showers by the afternoon. Showers may be locally heavy, with the risk of hail and thunder. Any showers slowly fading into the evening to leave largely dry conditions and clear spells. A further organised band of showery rain may arrive from the west late on.

Maximum wind: Southwest to west 15-20 mph, gusting 25-30 mph.

Chance of cloud-free hill tops above 600m: 30% across western areas initially. Improving to generally 70%.

Low Cloud and visibility: Low cloud, with bases down to around 300-500m early morning, particularly further west. Poor or very poor visibility in early showery rain, becoming good during the day. Sharp deterioration in showers to moderate or poor. Cloud bases may shroud higher routes in and around heavier showers, lasting for several hours.

Temperature: **Valleys:** Plus 8 Celsius, becoming Plus 14 Celsius.
At 600m: Plus 4 Celsius, becoming Plus 8 Celsius.
Freezing level: Above the summits.

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